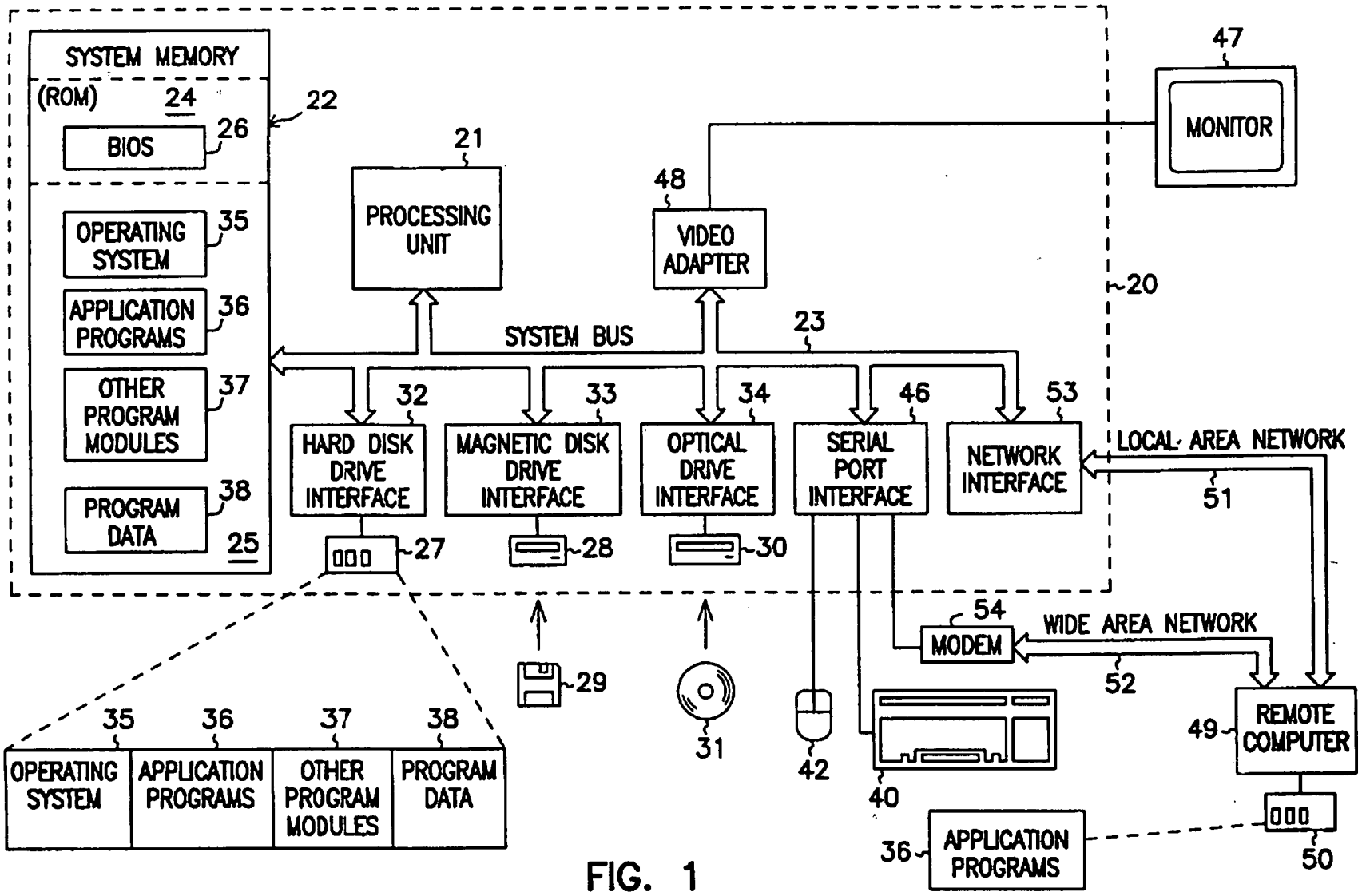
SYSTEM MEMORY
(ROM) 24
BIOS 26
OPERATING SYSTEM 35
APPLICATION PROGRAMS 36
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PROGRAM DATA 38
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22
21
PROCESSING UNIT
48
VIDEO ADAPTER
47
MONITOR
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SYSTEM BUS
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53
HARD DISK DRIVE INTERFACE
MAGNETIC DISK DRIVE INTERFACE
OPTICAL DRIVE INTERFACE
SERIAL PORT INTERFACE
NETWORK INTERFACE
LOCAL AREA NETWORK
51
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APPLICATION PROGRAMS
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OPERATING SYSTEM
APPLICATION PROGRAMS
OTHER PROGRAM MODULES
PROGRAM DATA

FIG. 1

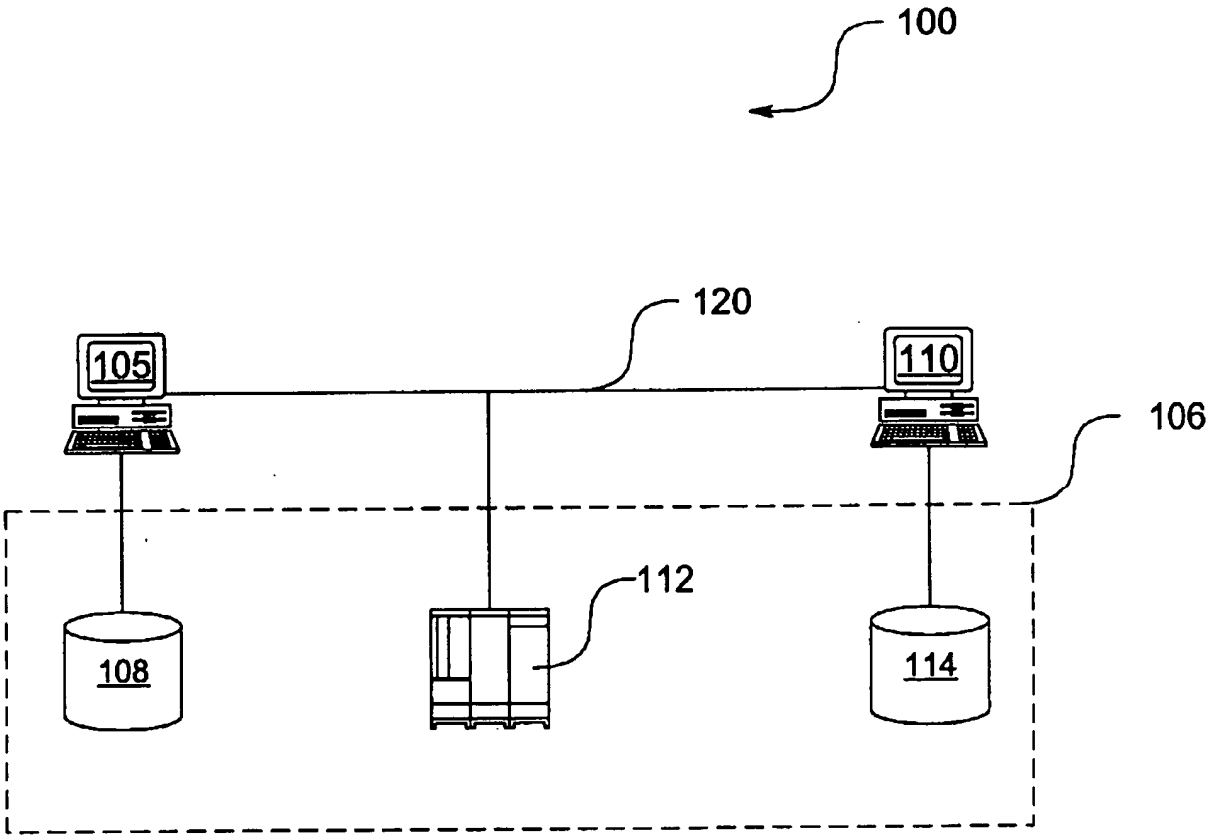
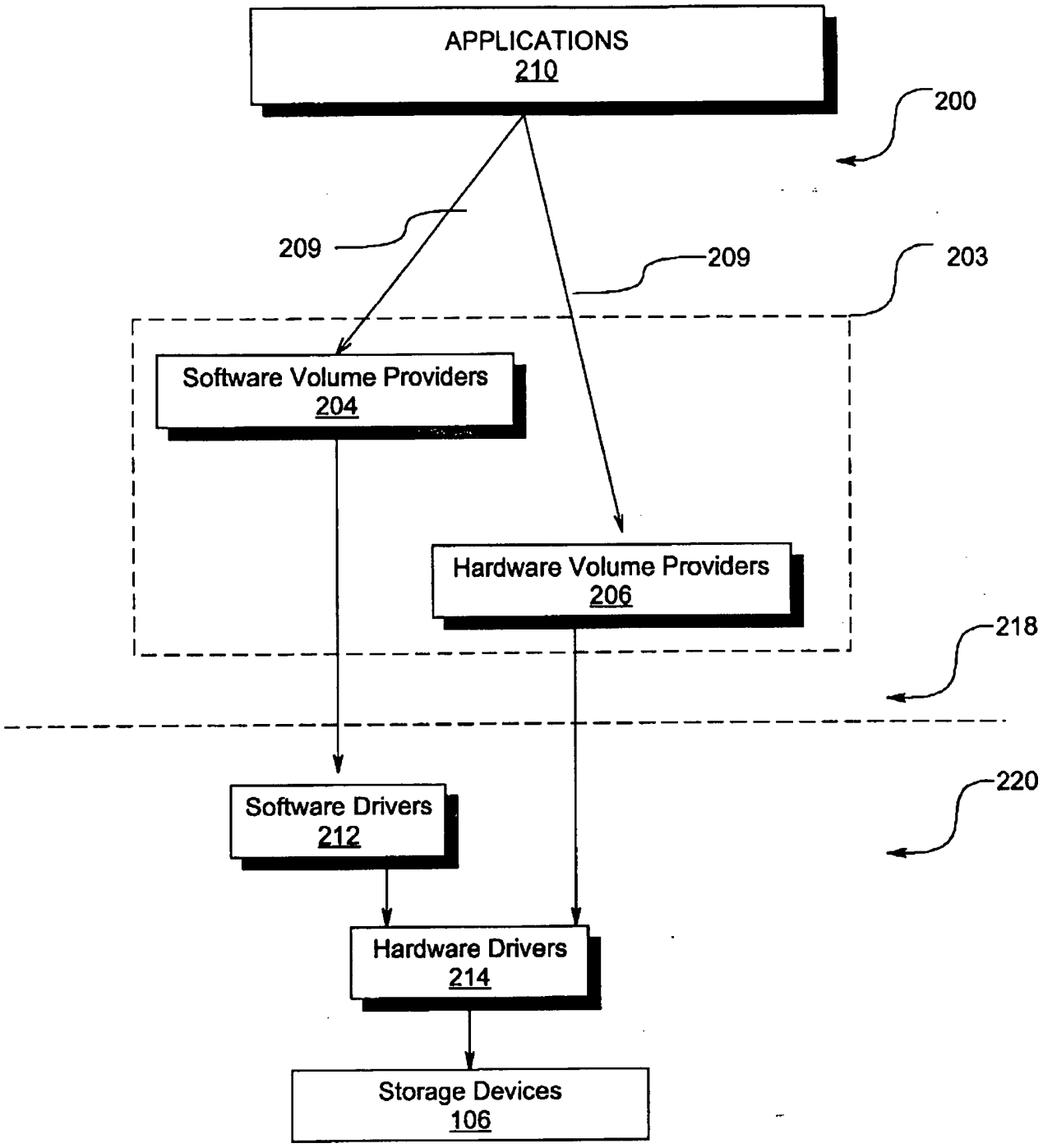


Figure 2


APPLICATIONS
210
200
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Software Volume Providers
204
Hardware Volume Providers
206
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220
Software Drivers
212
Hardware Drivers
214
Storage Devices
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Figure 3

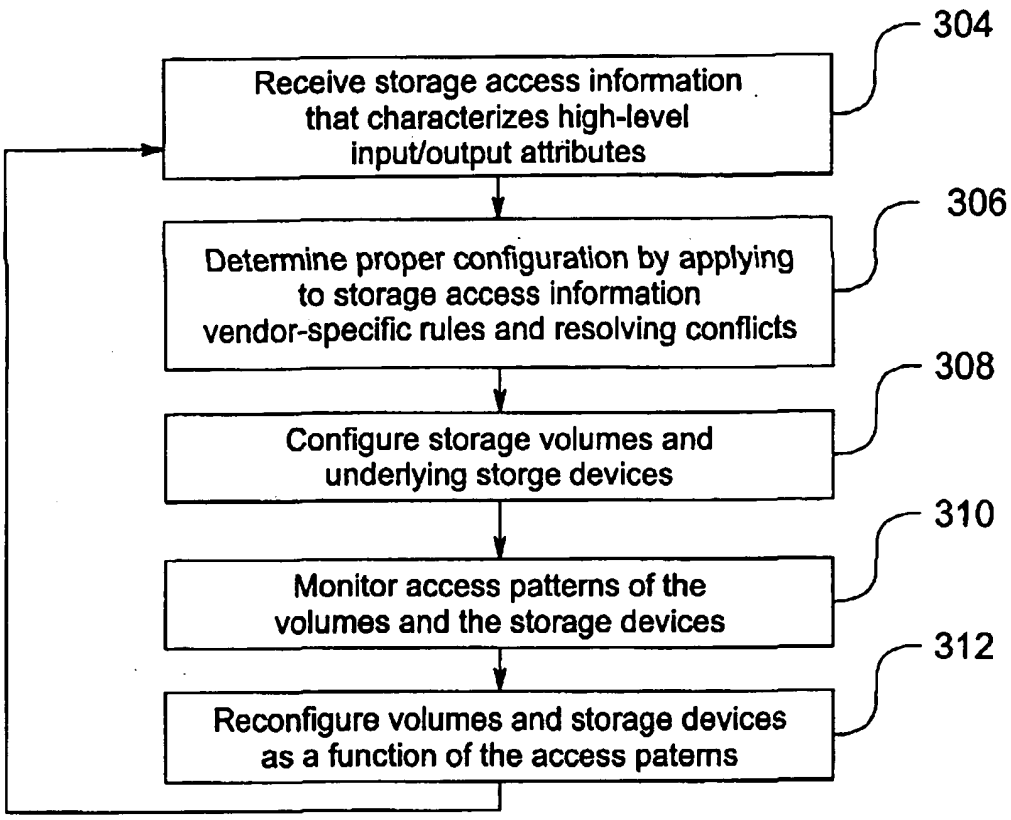
300
304
Receive storage access information that characterizes high-level input/output attributes
306
Determine proper configuration by applying to storage access information vendor-specific rules and resolving conflicts
308
Configure storage volumes and underlying storge devices
310
Monitor access patterns of the volumes and the storage devices
312
Reconfigure volumes and storage devices as a function of the access paterns

Figure 4